

# Road Blasters™ Schematic Package

Supplement to the Operators Manual

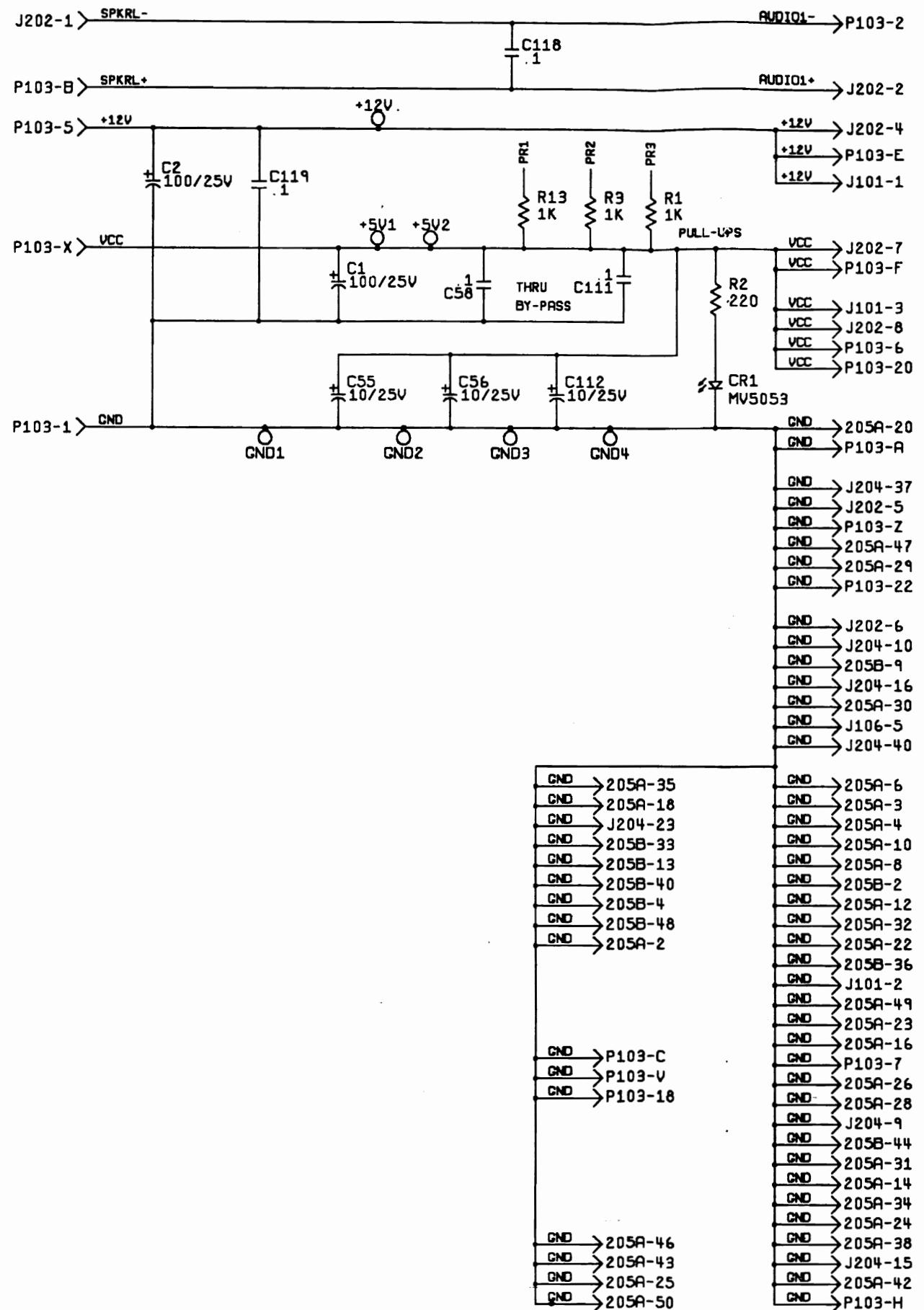
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**For Cockpit Game**

This staple temporarily holds the schematic package together. Remove the staple before using these schematics.

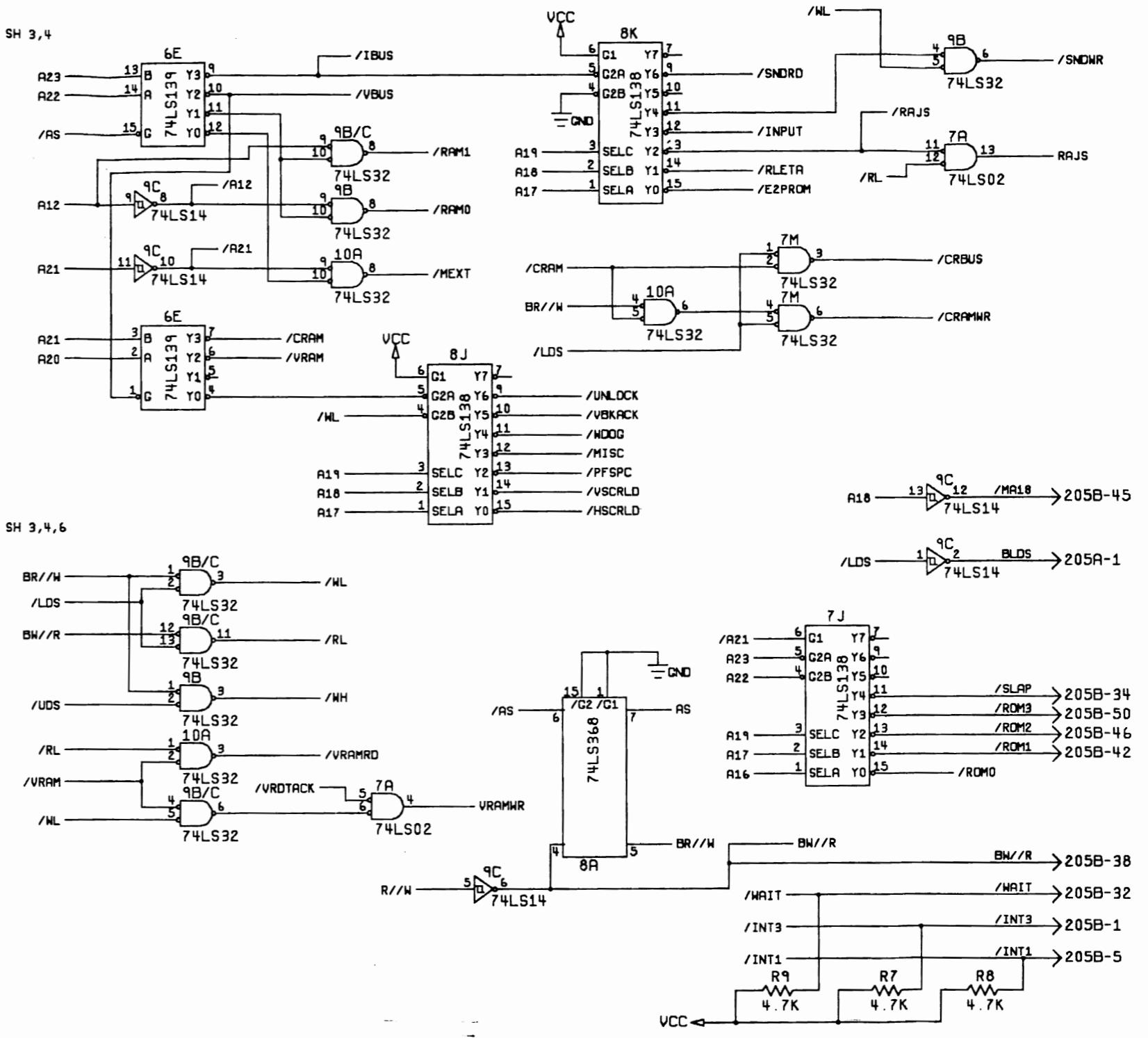
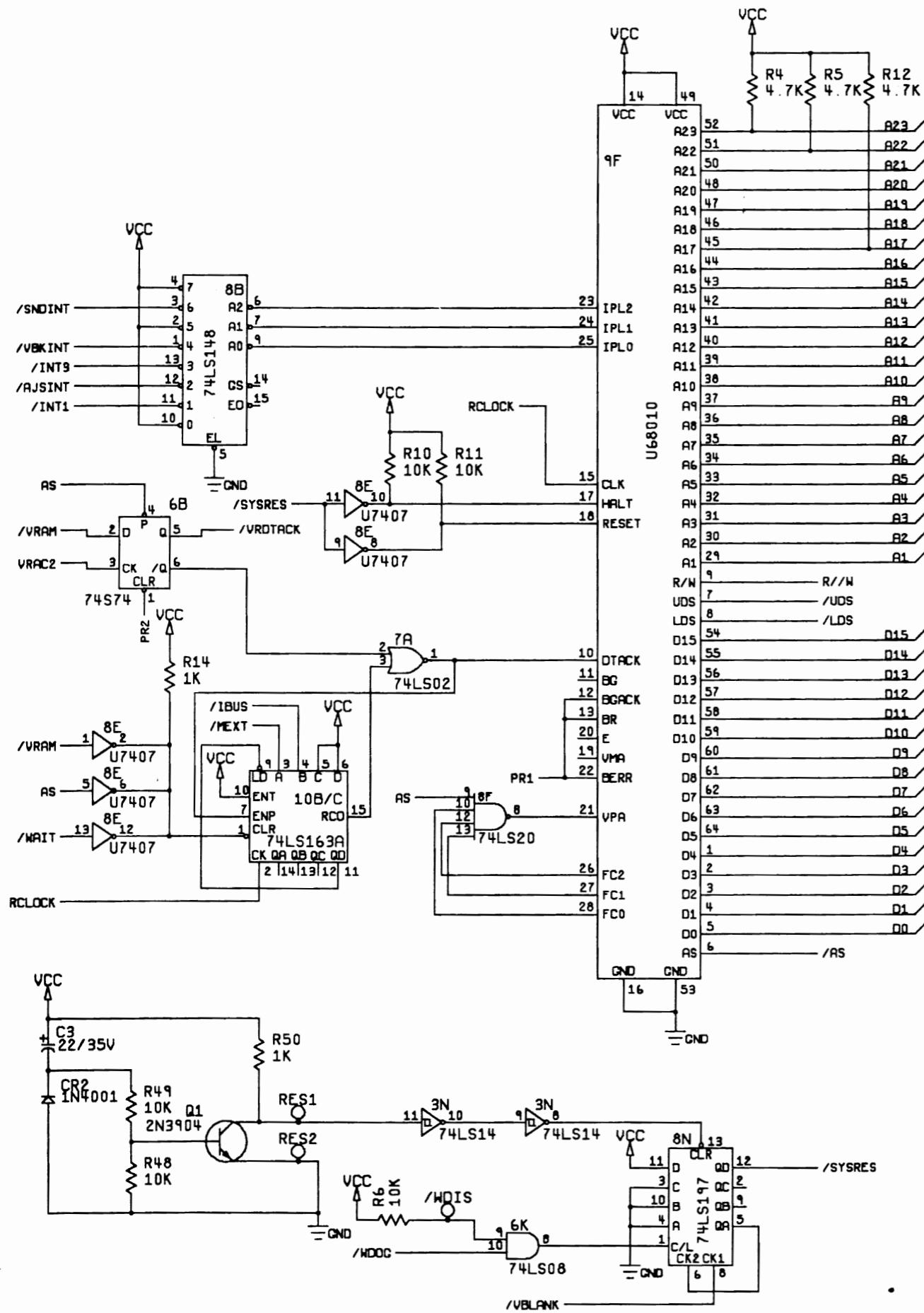




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# Road Blasters™ /Cockpit LSI Main PCB Schematic Diagram

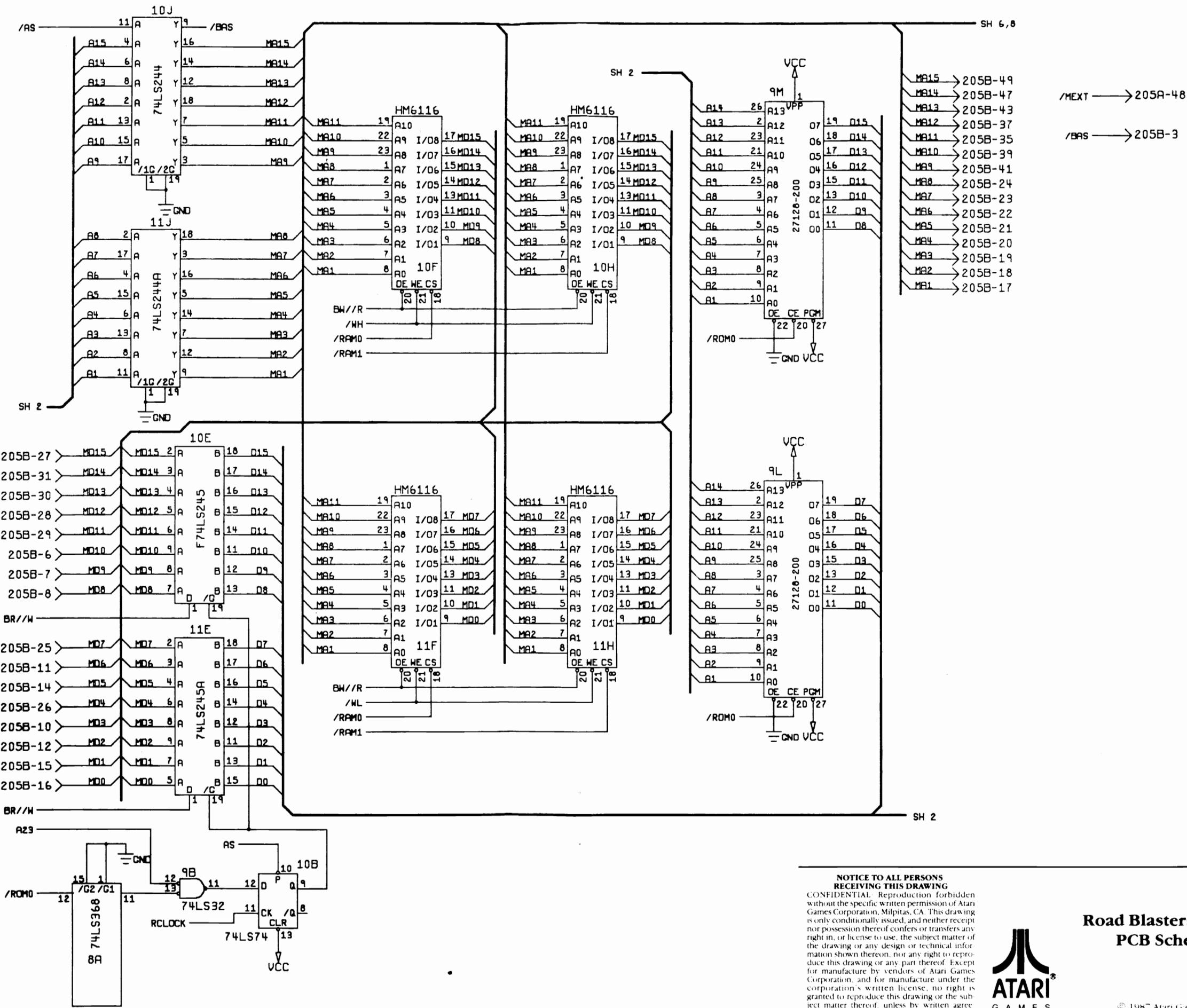




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## Road Blasters™ /Cockpit LSI Main PCB Schematic Diagram

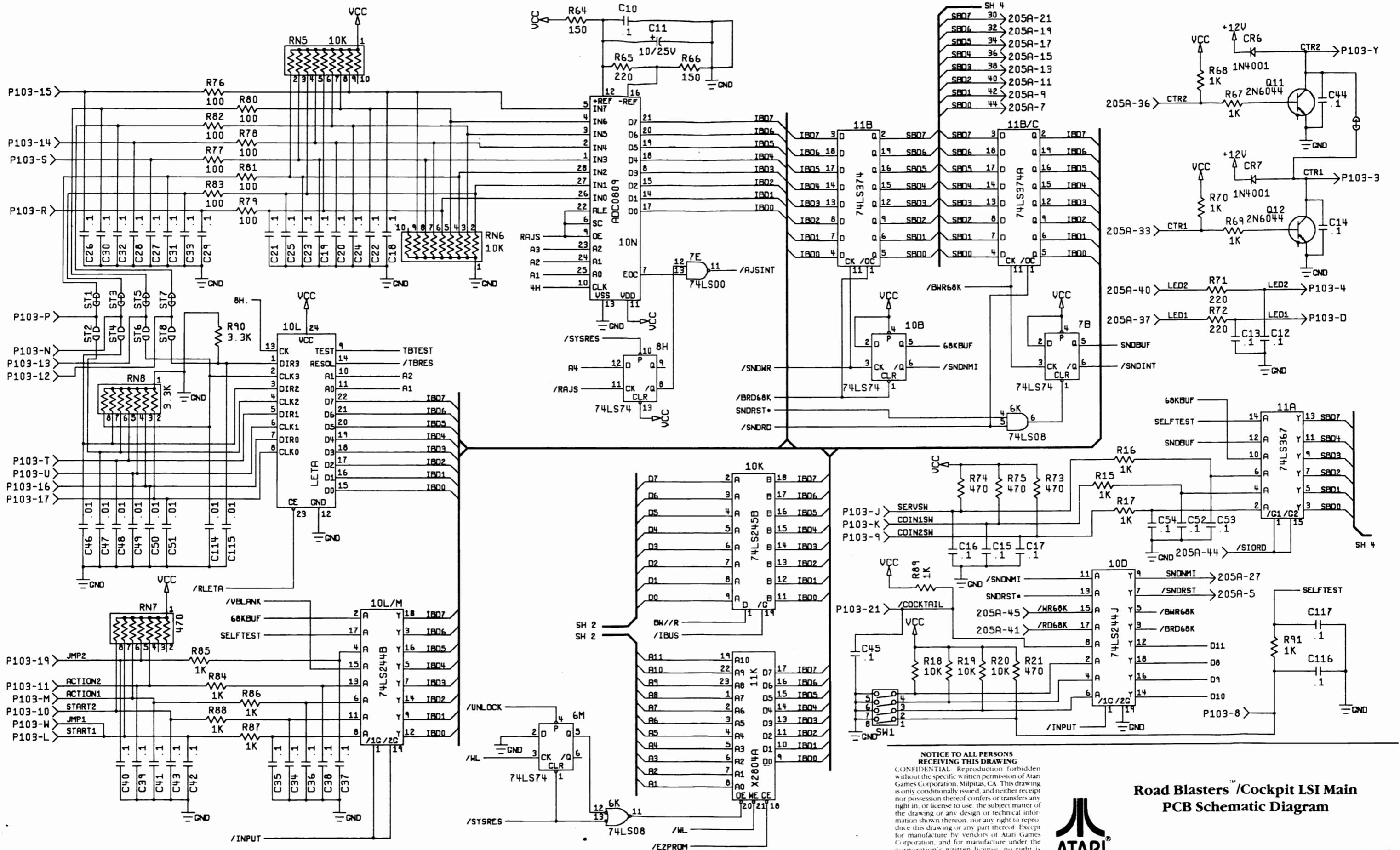




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Road Blasters™ /Cockpit LSI Main  
PCB Schematic Diagram



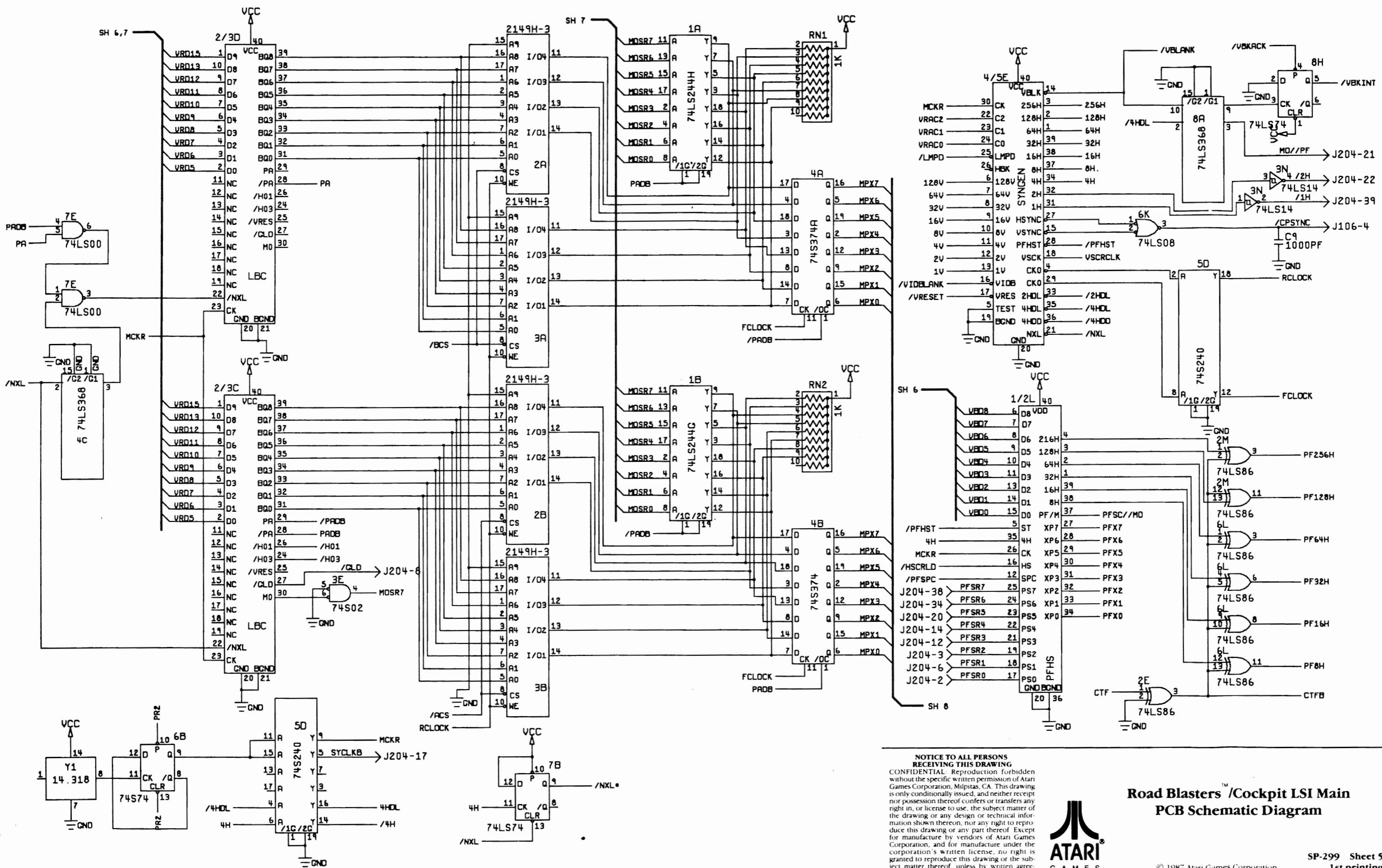


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## Road Blasters™ /Cockpit LSI Main PCB Schematic Diagram



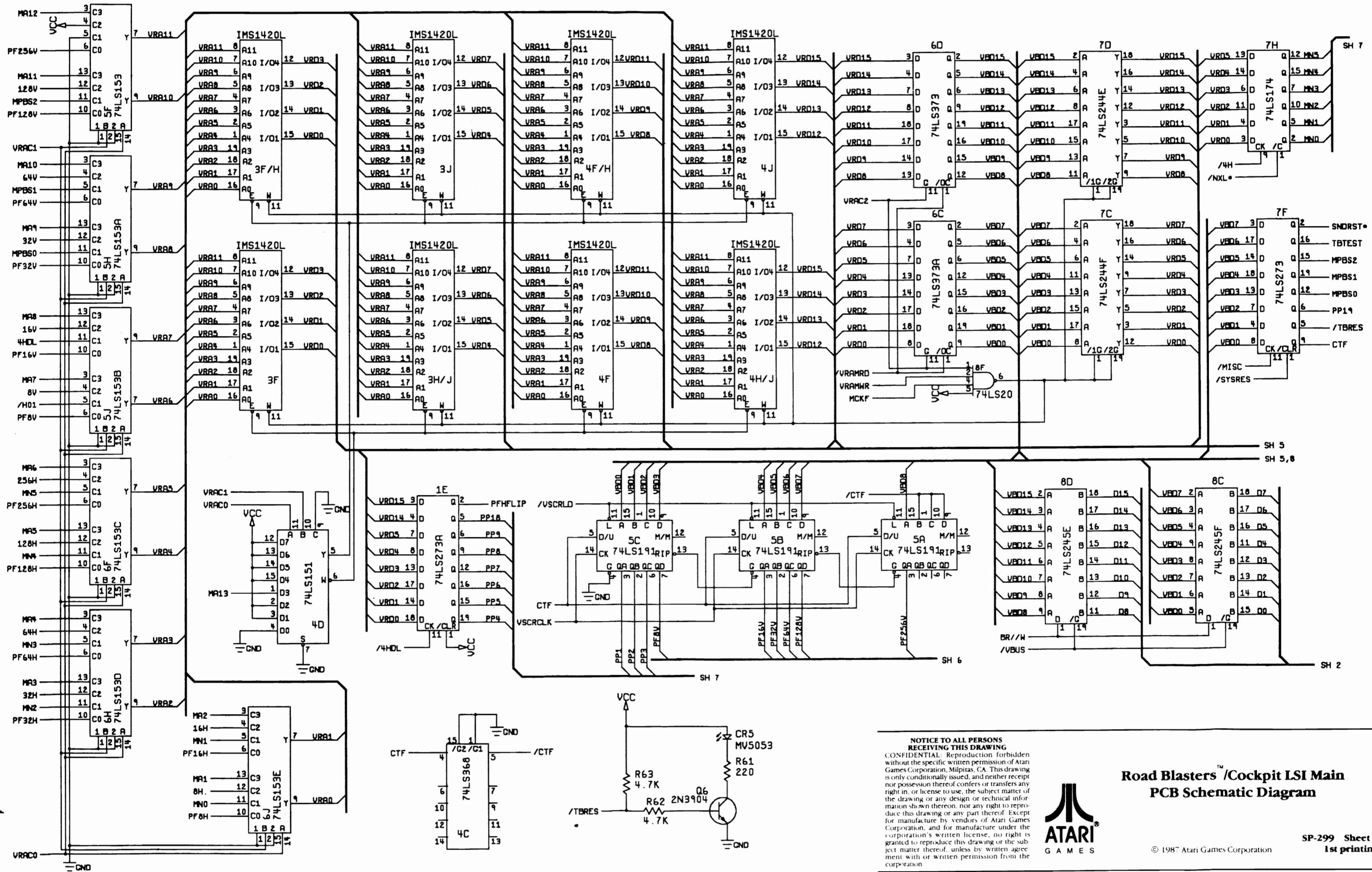


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### Road Blasters™ /Cockpit LSI Main PCB Schematic Diagram



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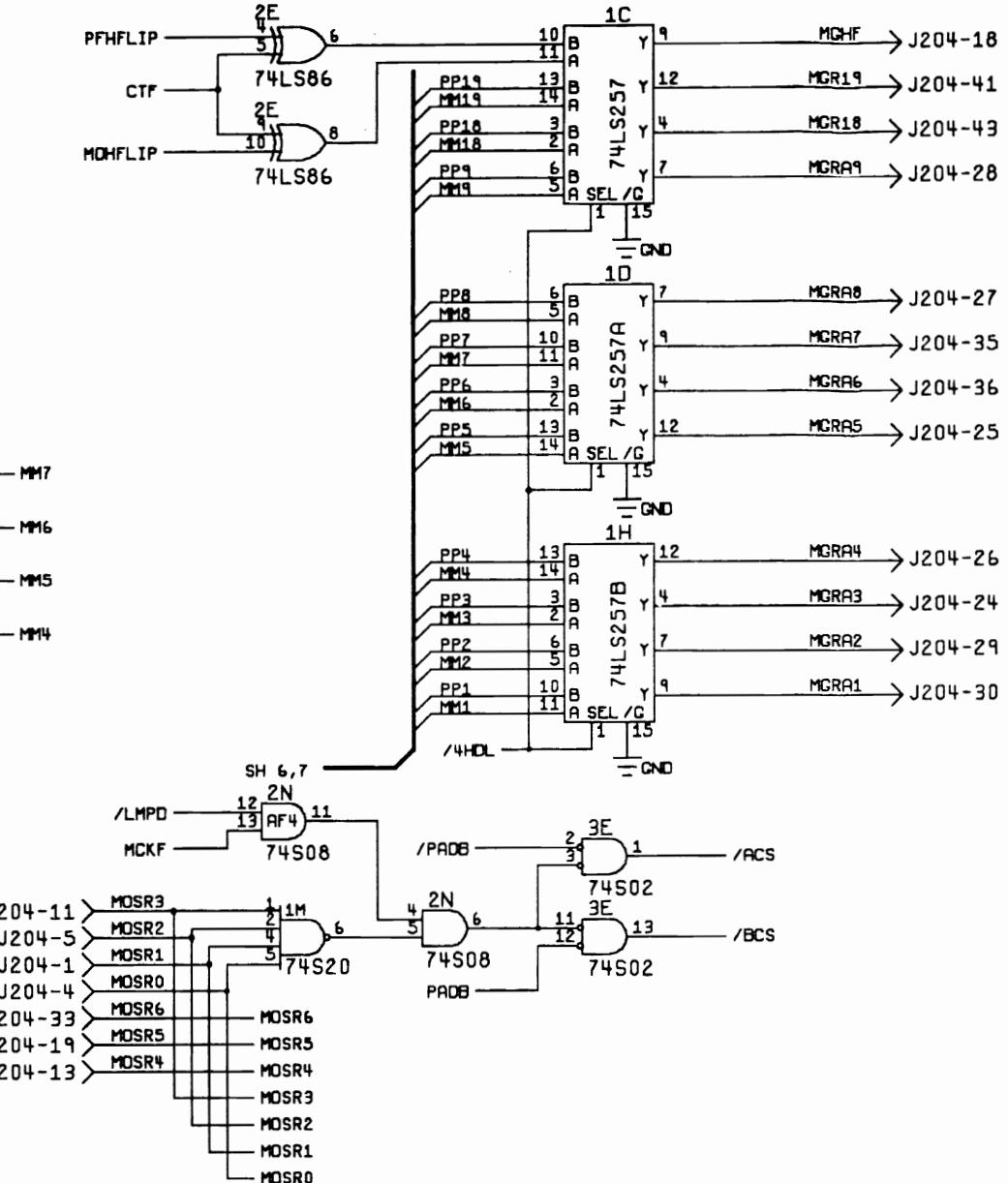
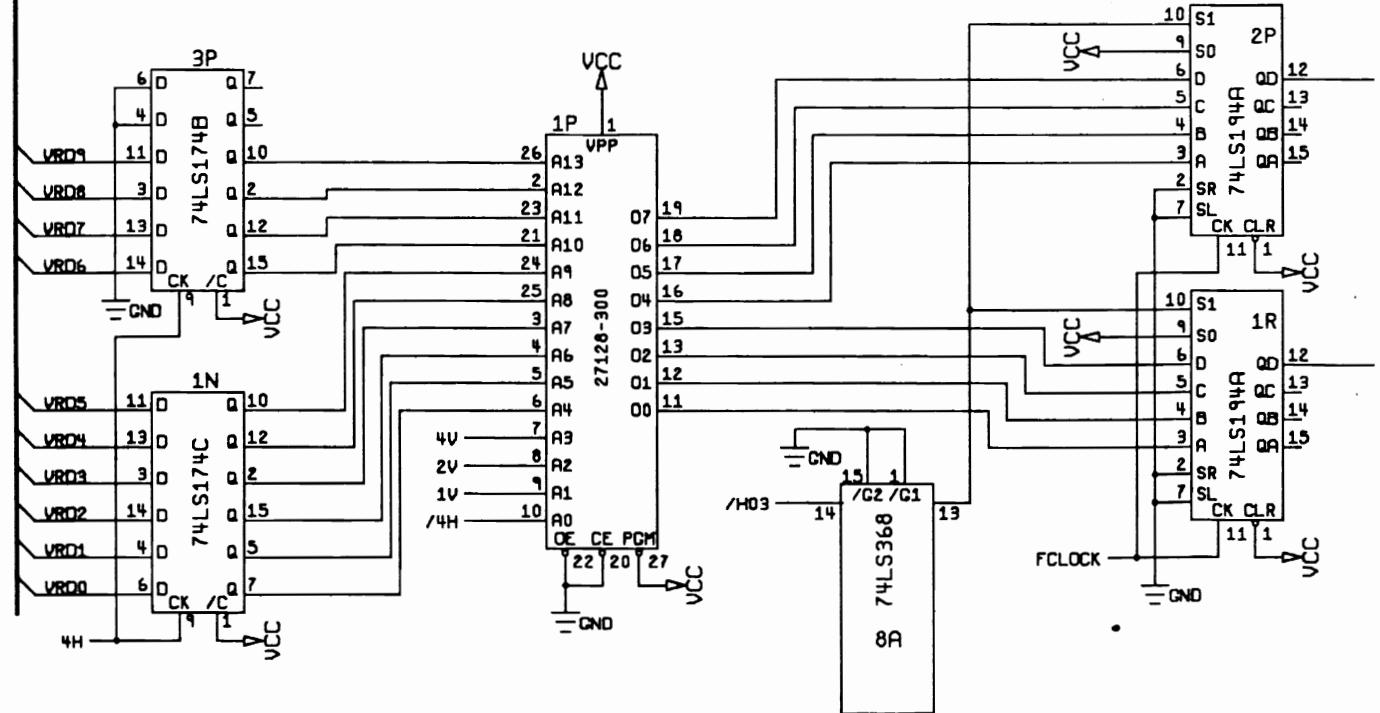
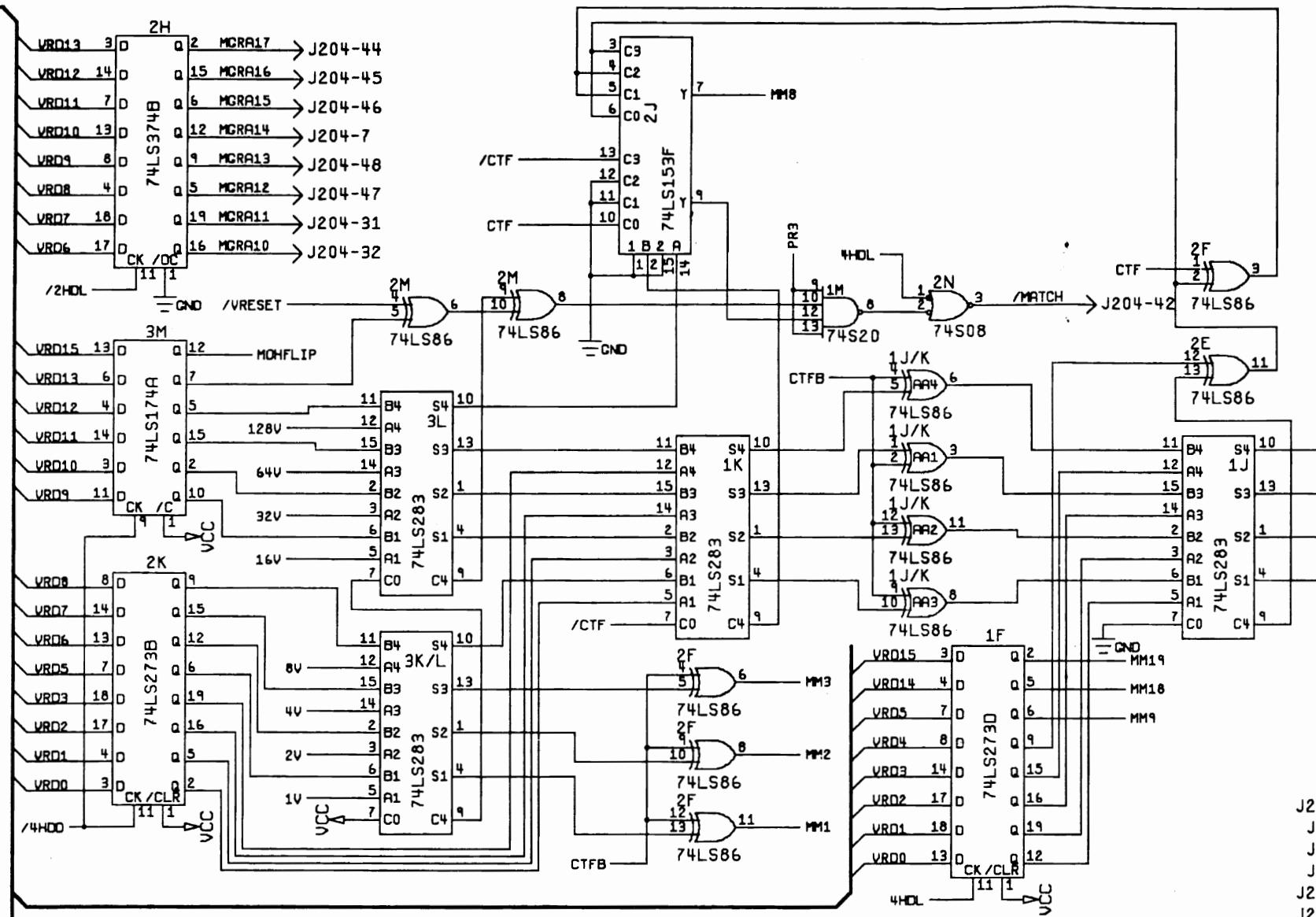


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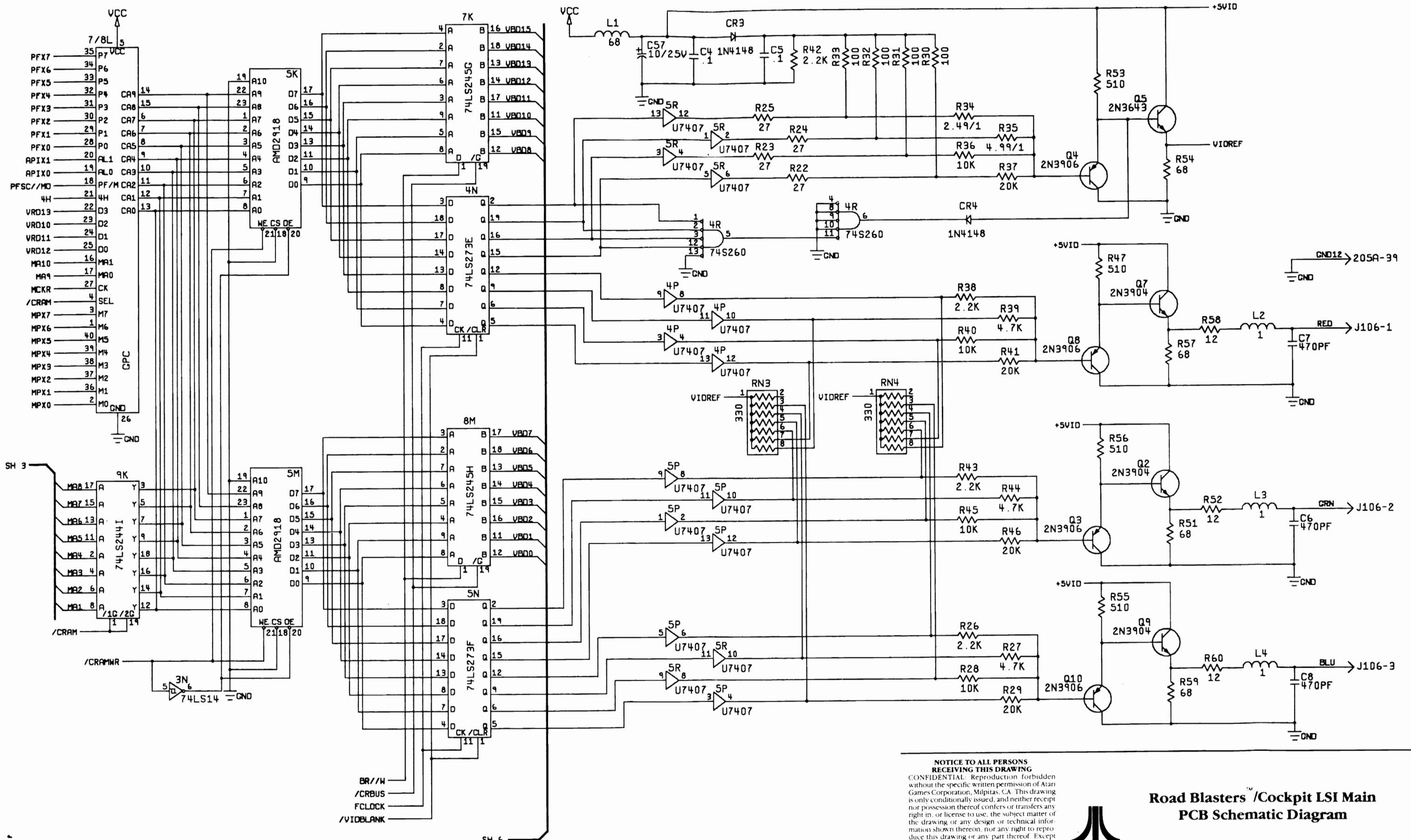
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## Road Blasters™ /Cockpit LSI Main PCB Schematic Diagram

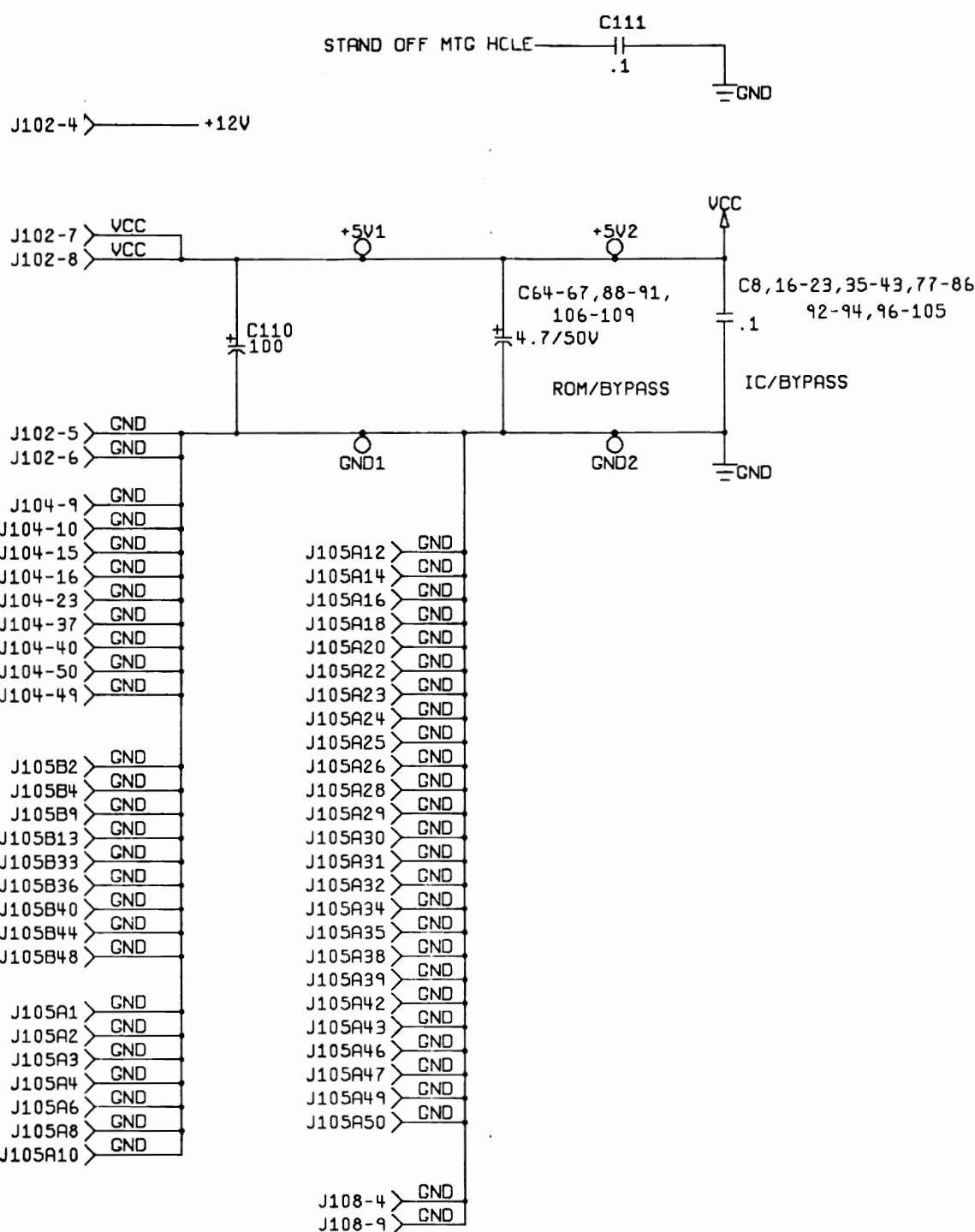




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**Road Blasters™ /Cockpit LSI Main PCB Schematic Diagram**





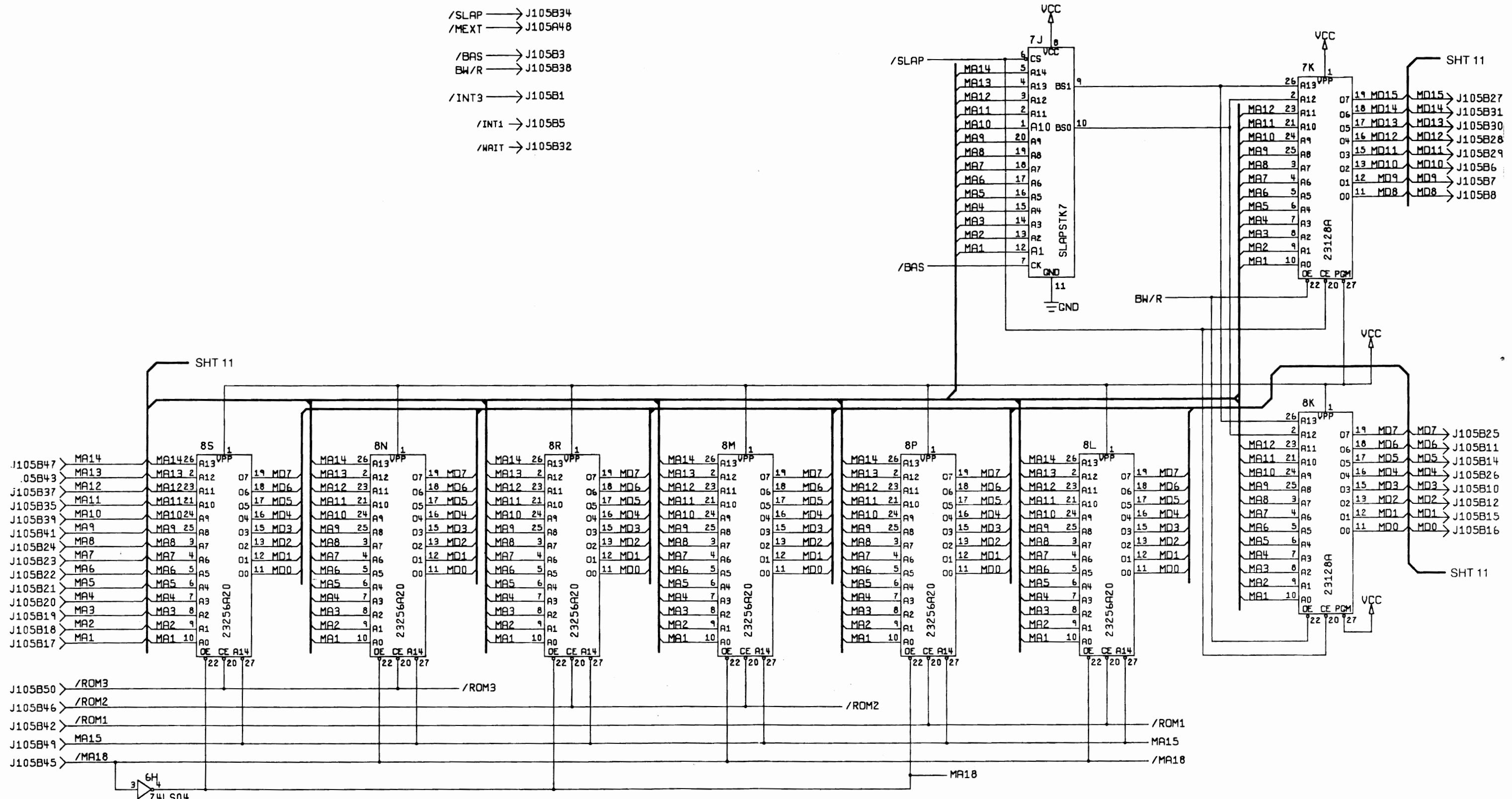
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**Road Blasters™ / Cockpit LSI Cartridge 5  
PCB Schematic Diagram**



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SP-299 Sheet 9  
1st printing

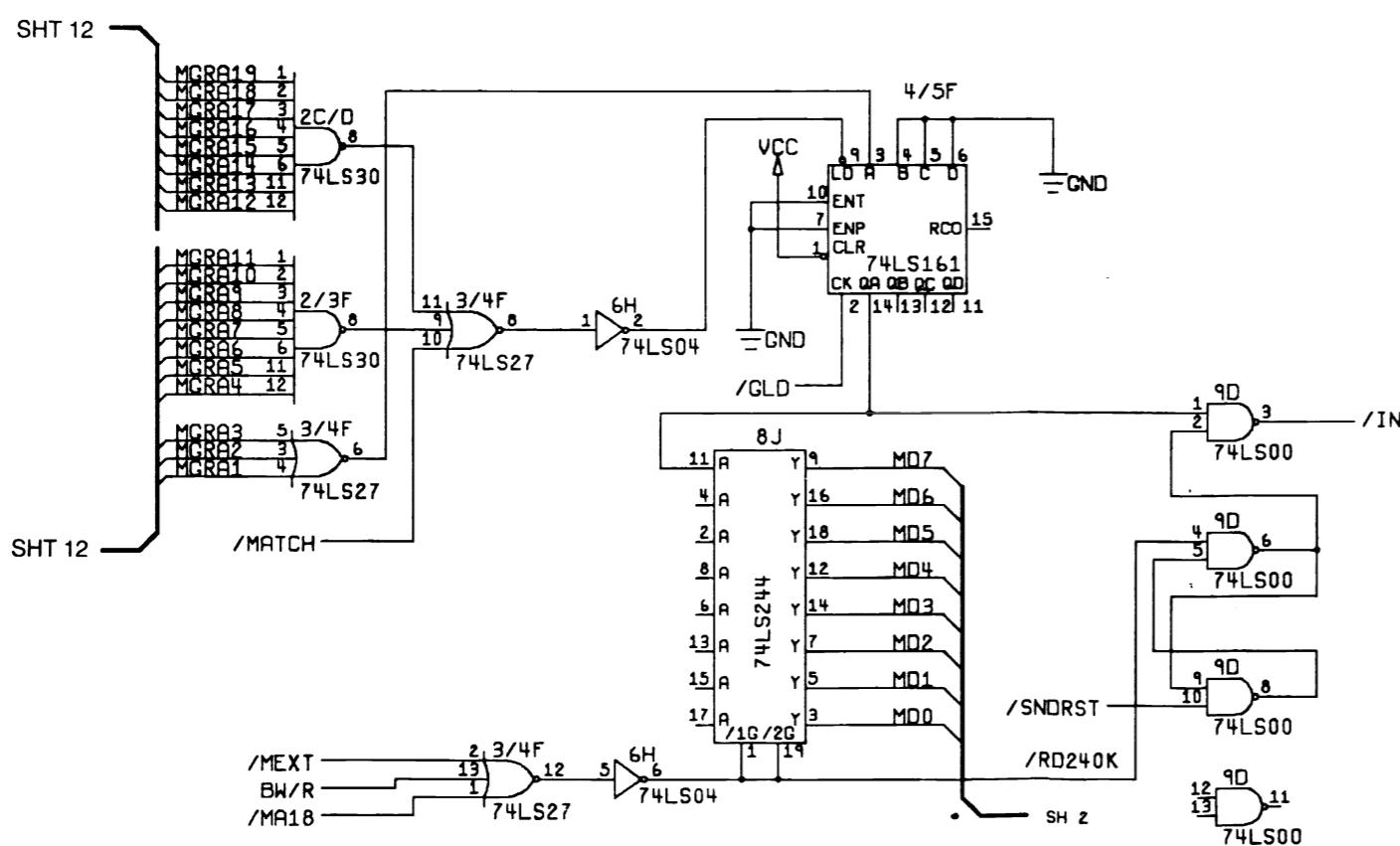
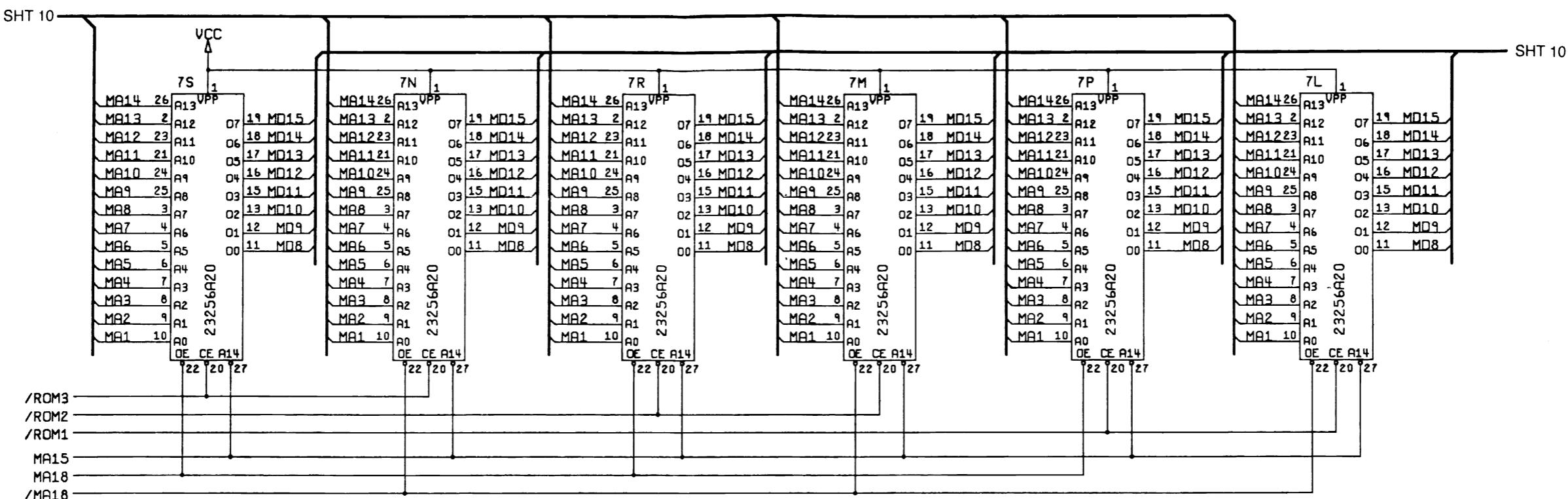


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# Road Blasters™ /Cockpit LSI Cartridge 5 PCB Schematic Diagram



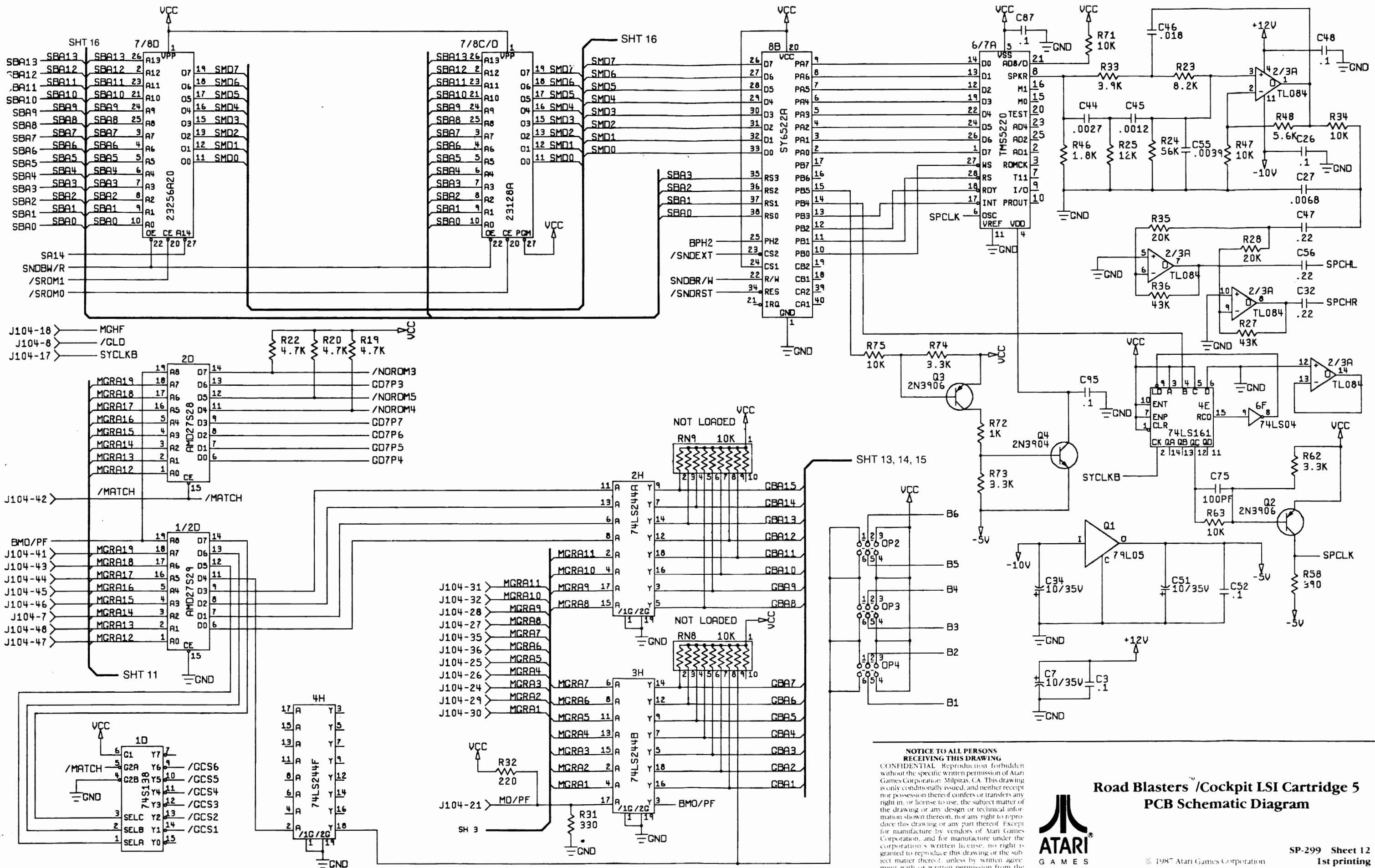


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## Road Blasters™ /Cockpit LSI Cartridge 5 PCB Schematic Diagram



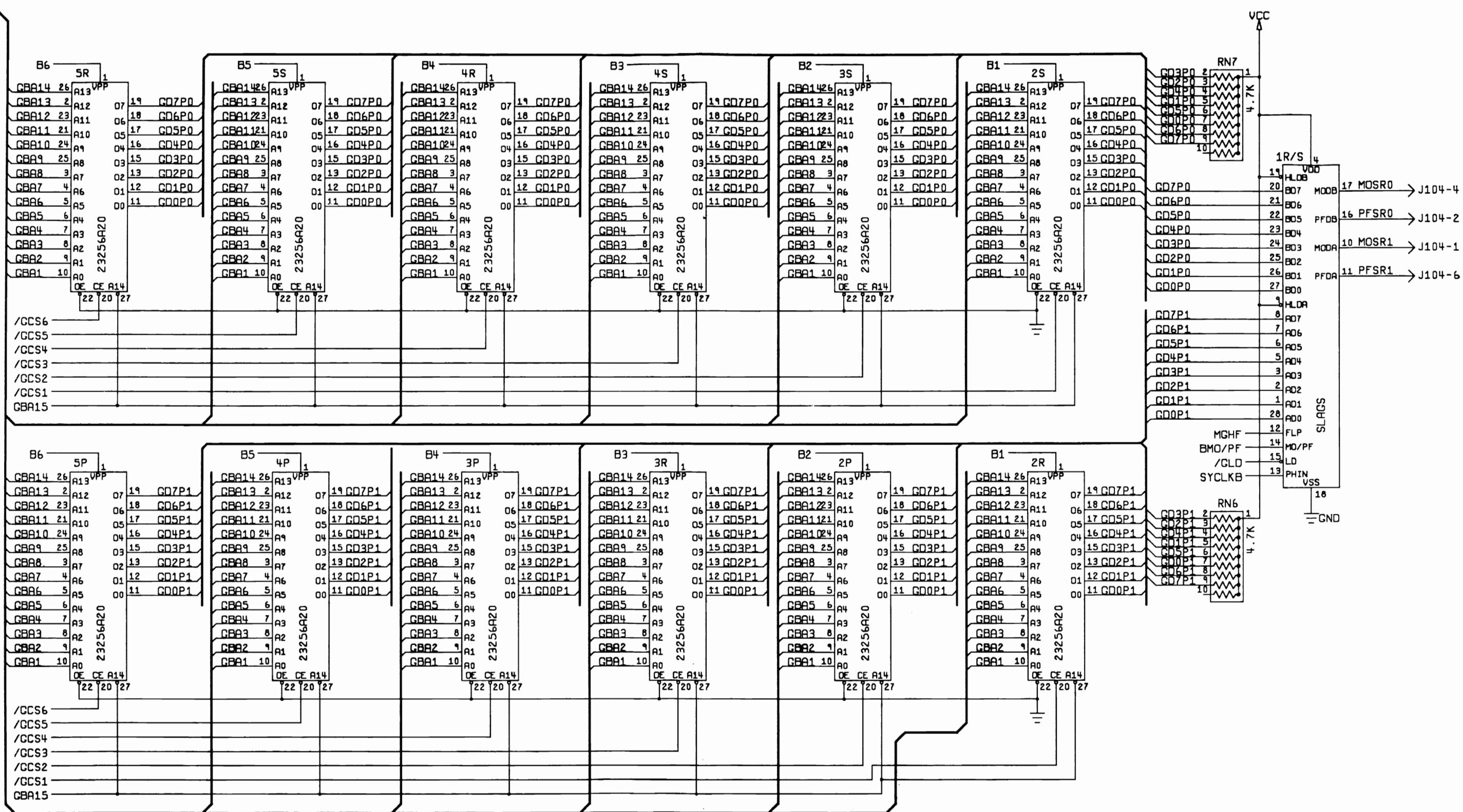


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# Road Blasters® /Cockpit LSI Cartridge 5 PCB Schematic Diagram





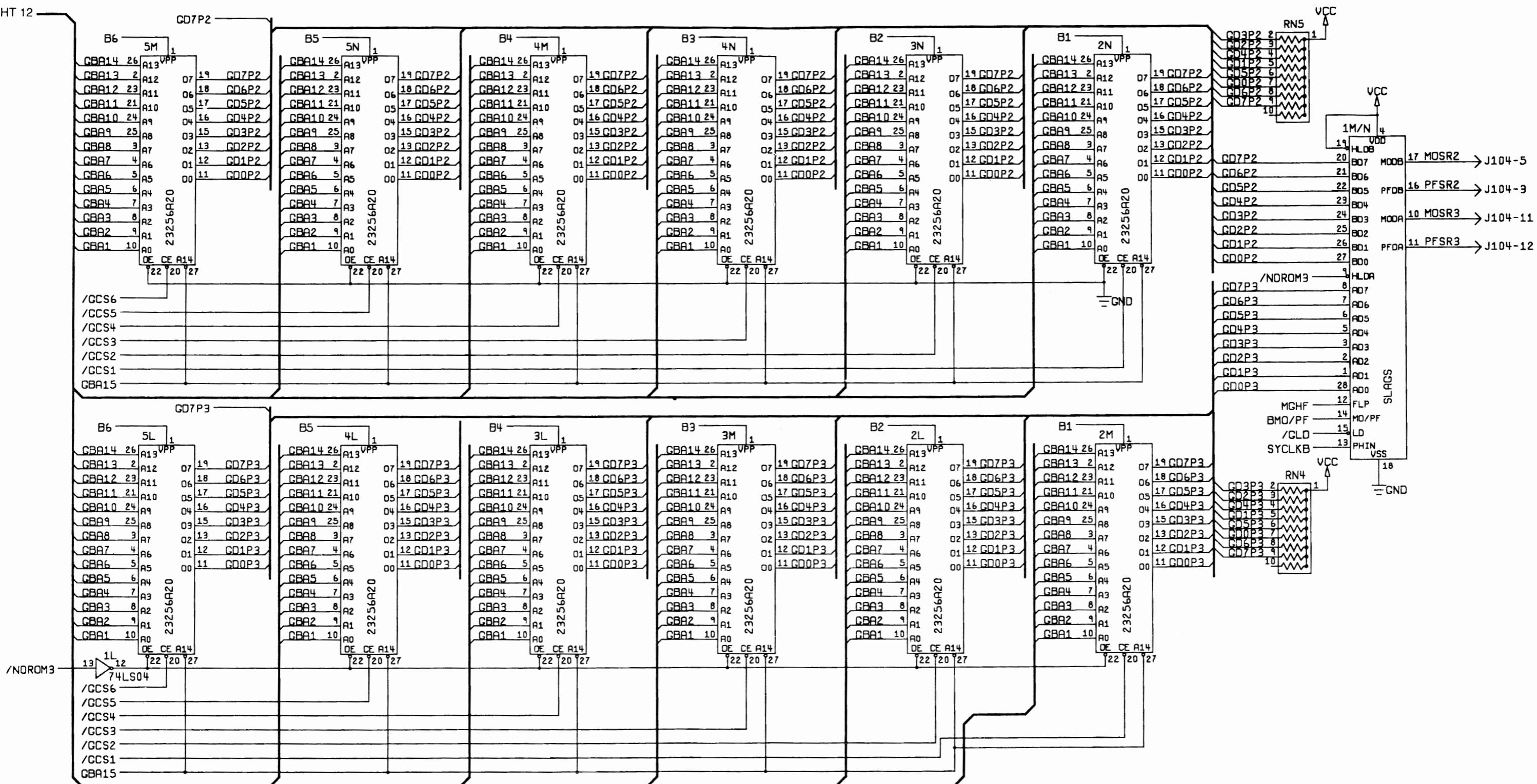
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Road Blasters™ /Cockpit LSI Cartridge 5  
PCB Schematic Diagram



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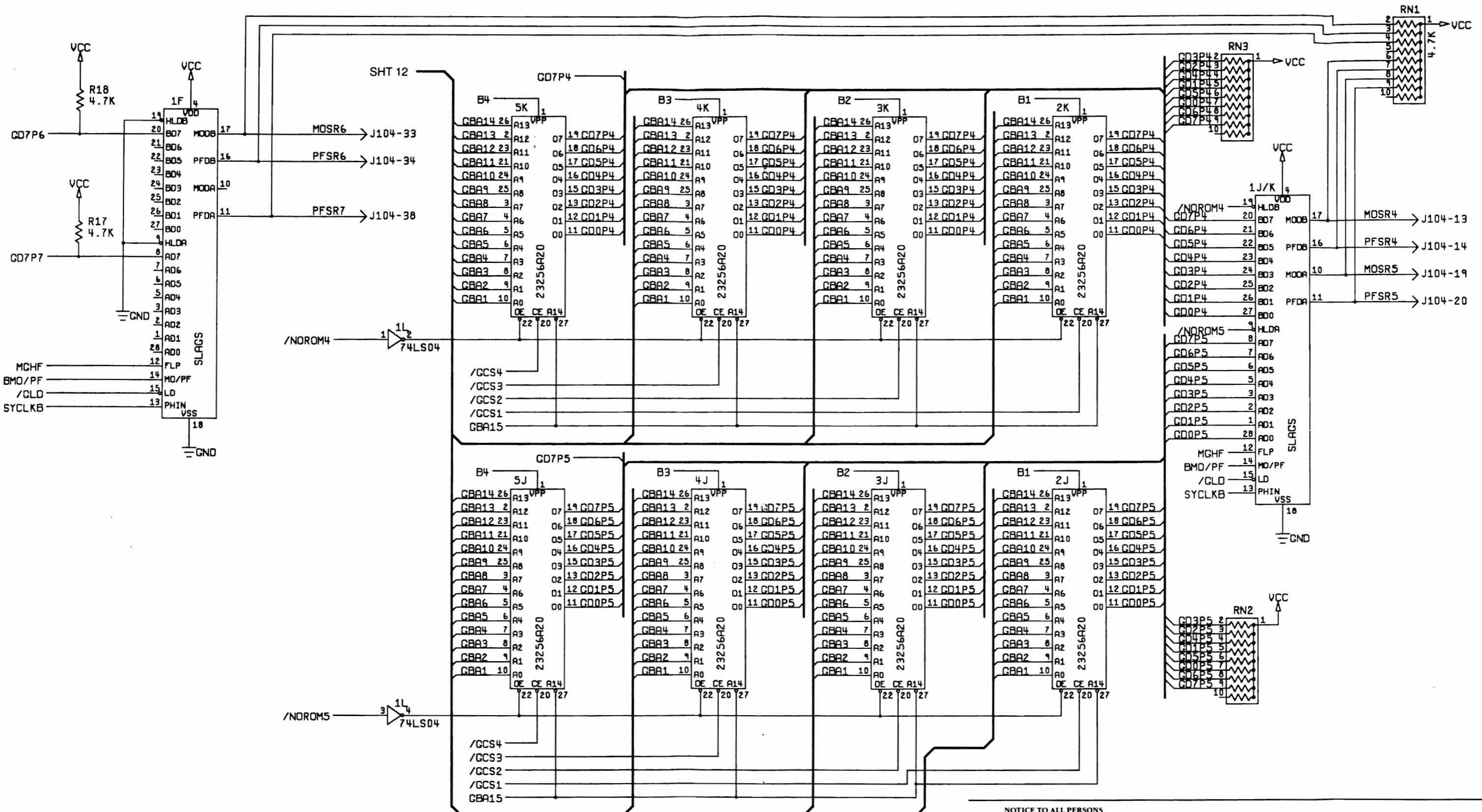


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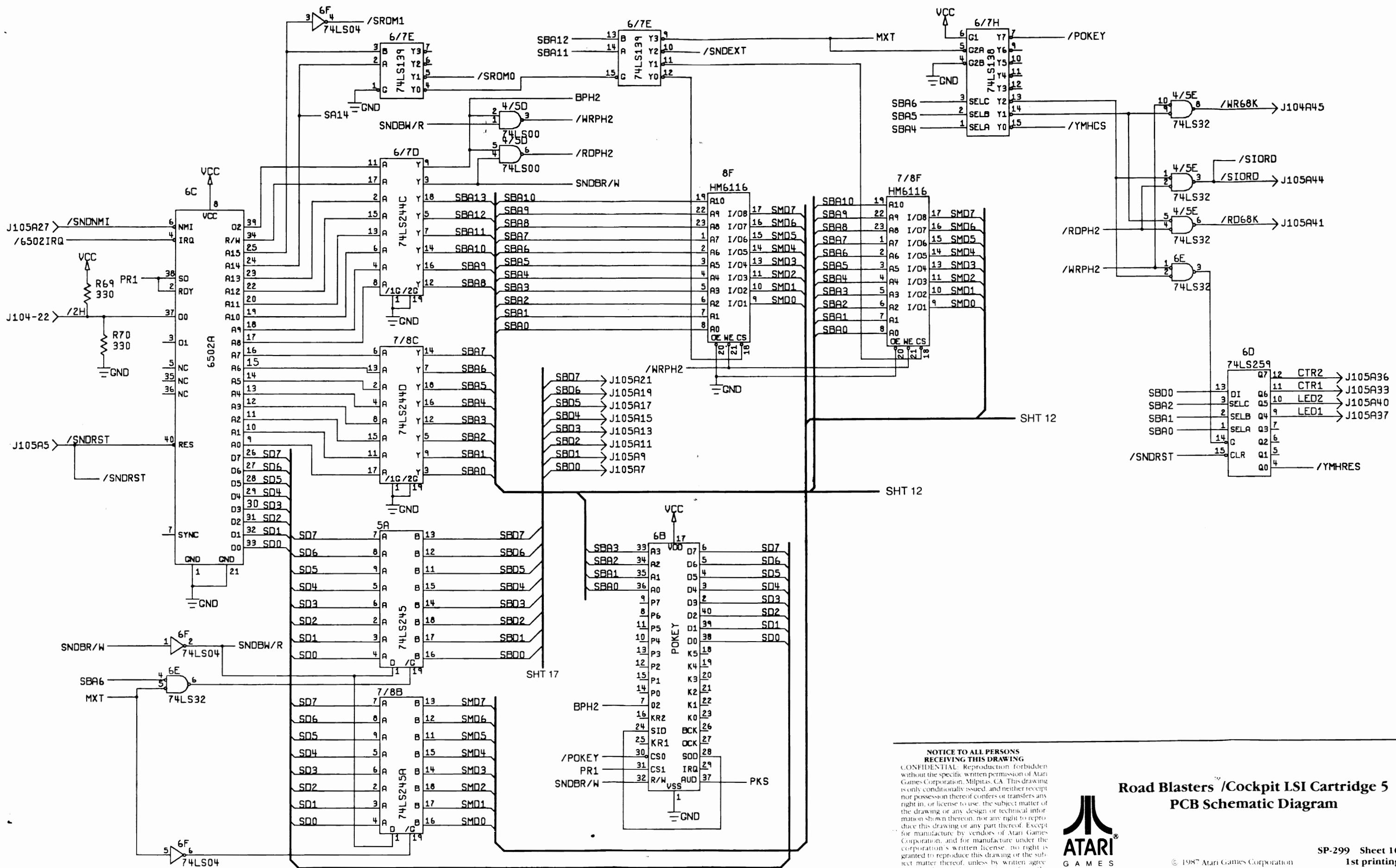




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Road Blasters™ / Cockpit LSI Cartridge 5  
 PCB Schematic Diagram

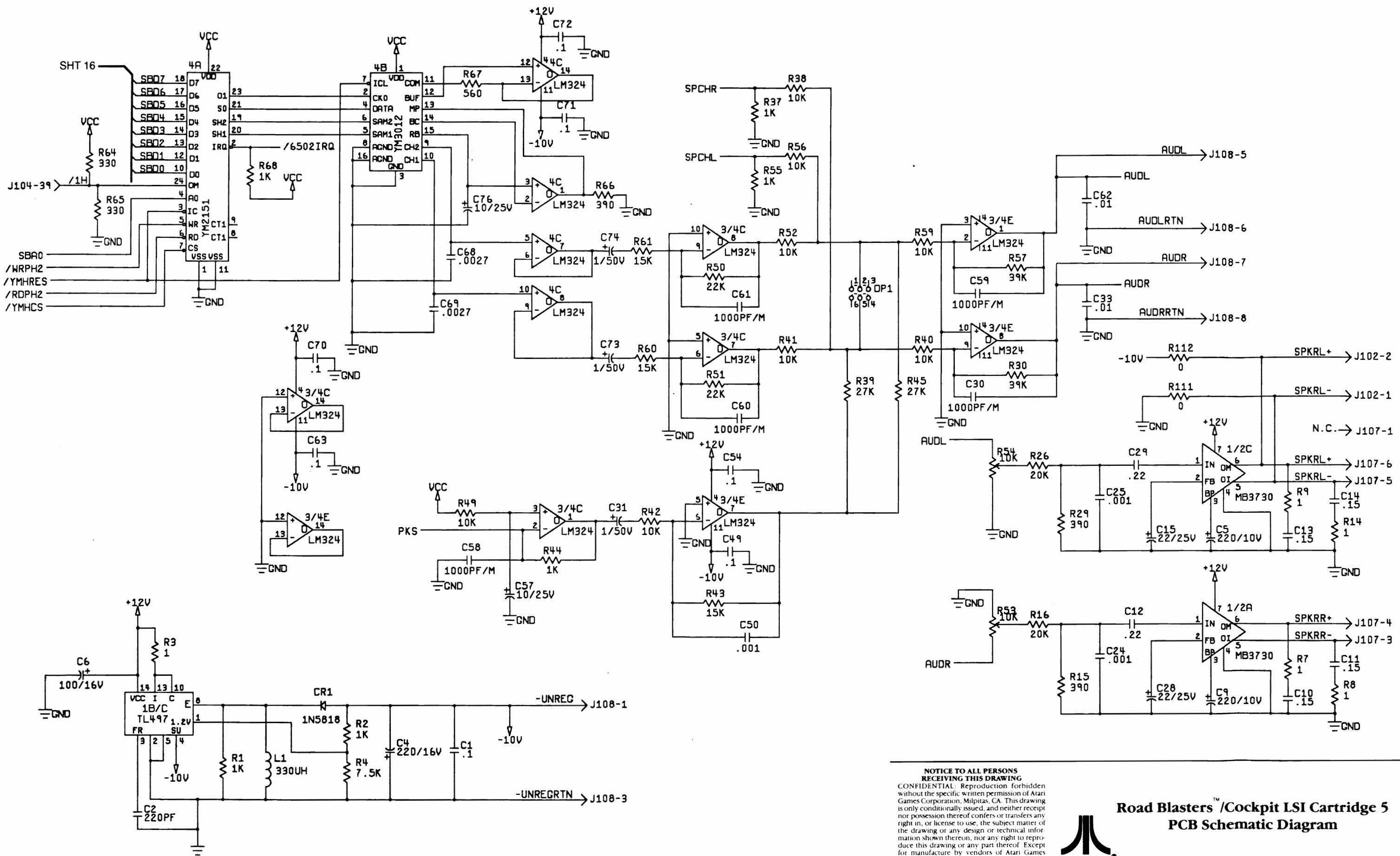




Road Blasters /Cockpit LSI Cartridge 5  
 PCB Schematic Diagram



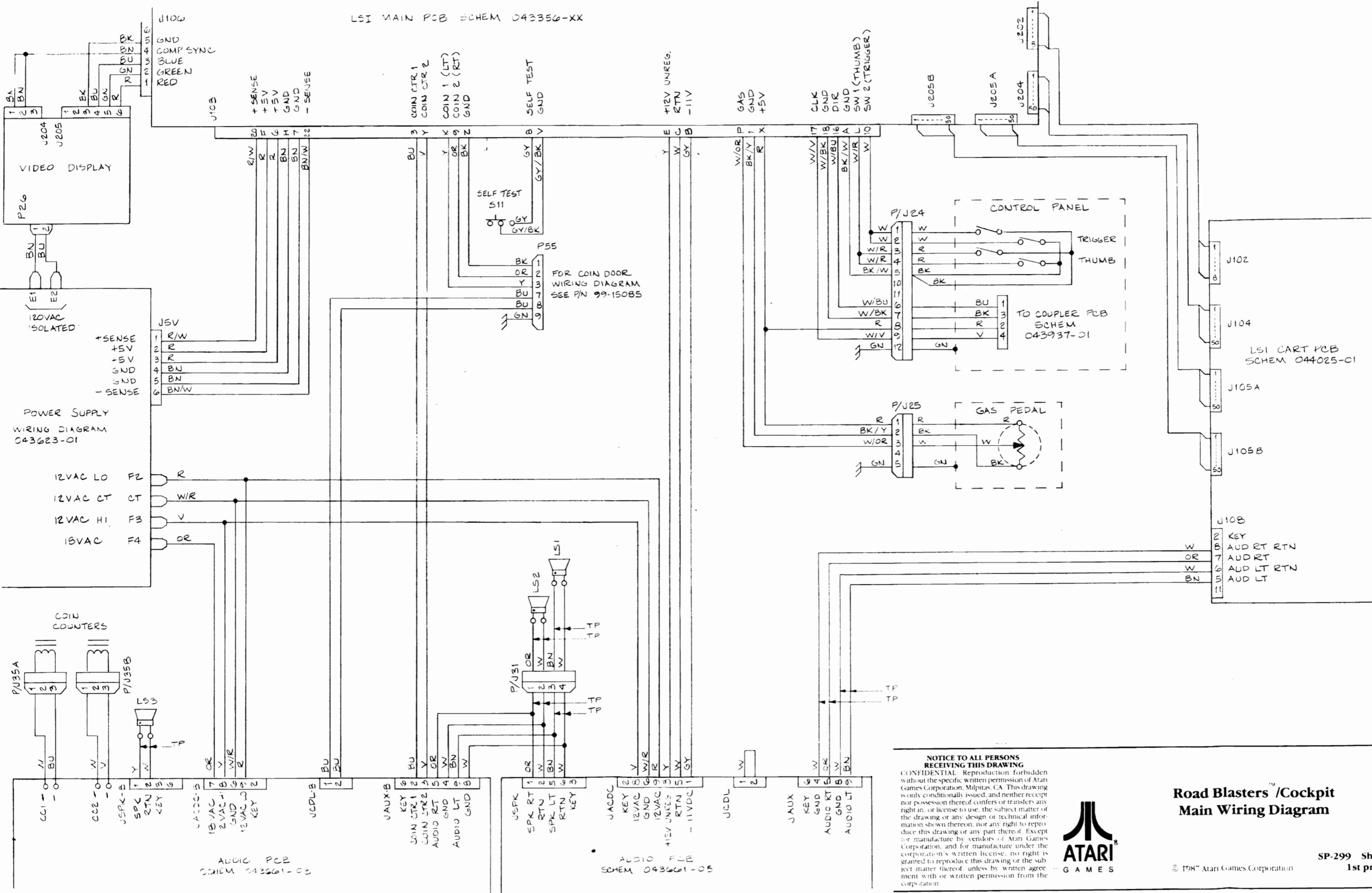
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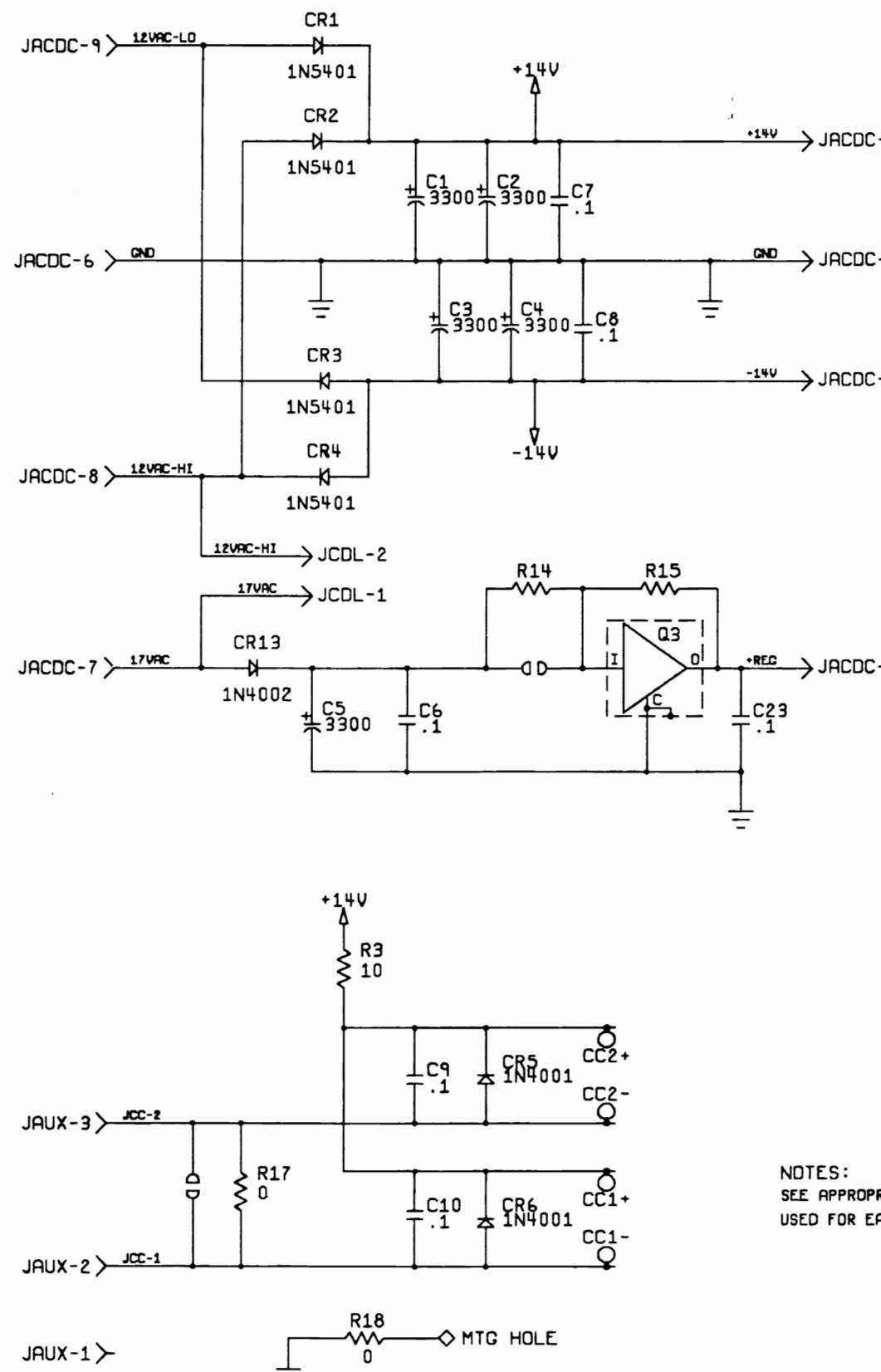


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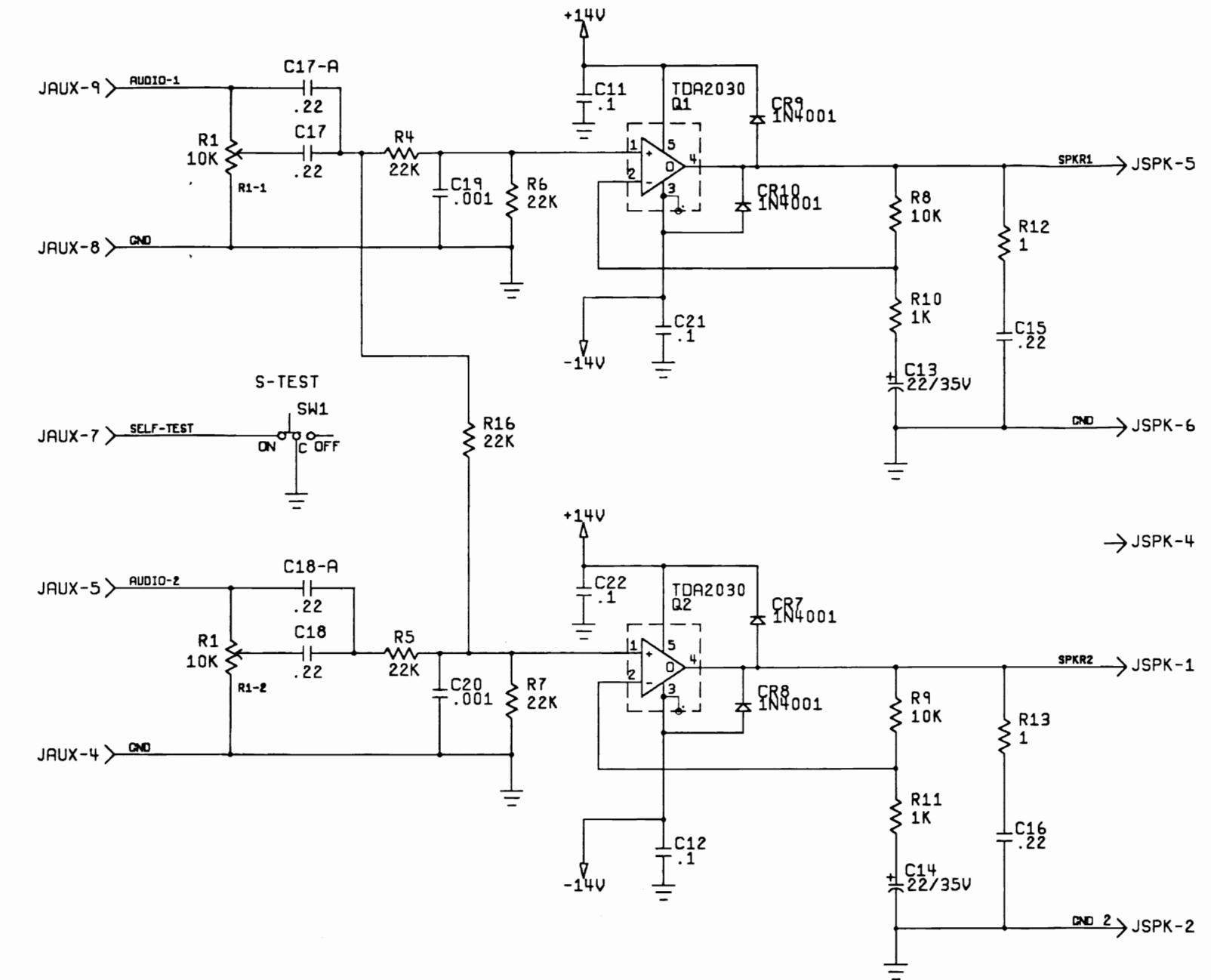
# Road Blasters™ /Cockpit LSI Cartridge 5 PCB Schematic Diagram







NOTES:  
SEE APPROPRIATE PARTS LIST FOR CORRECT COMPONENT  
USED FOR EACH DASH VERSION.



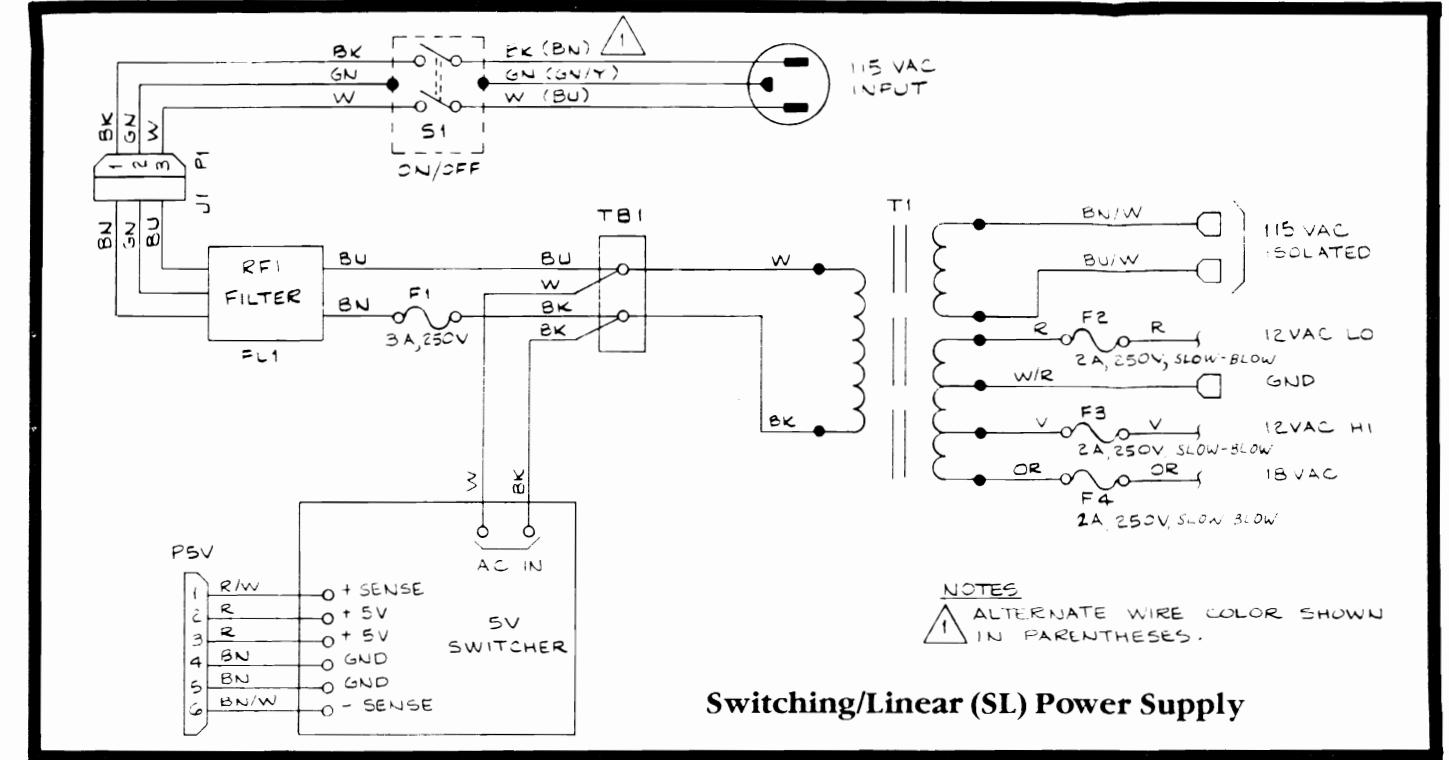
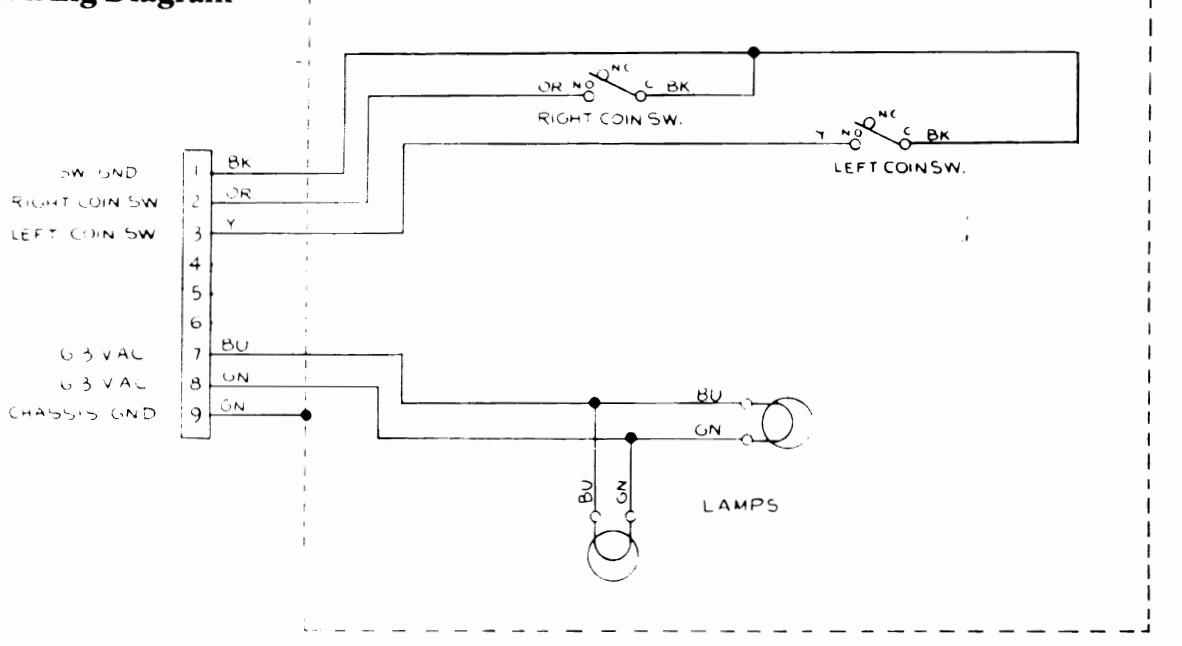
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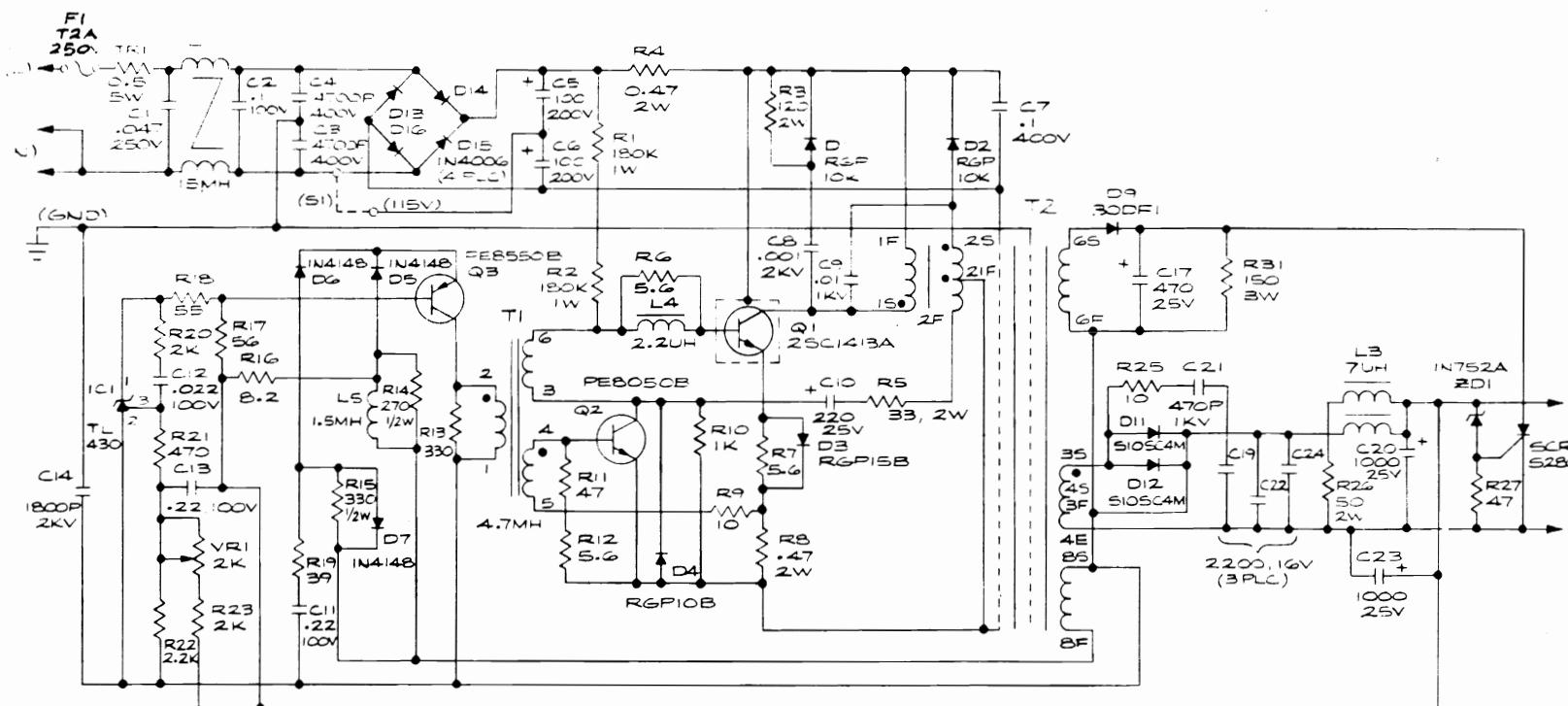
# Road Blasters® Audio II PCB Schematic Diagram



### Coin Door Wiring Diagram

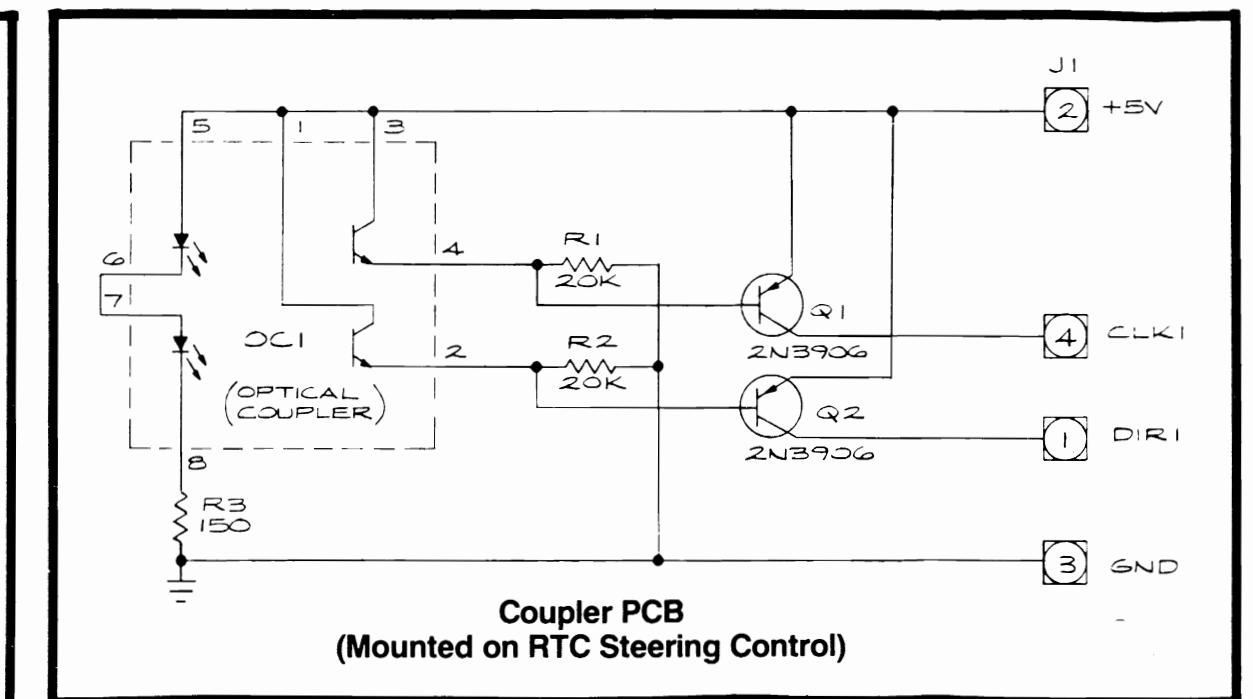


Switching/Linear (SL) Power Supply



Hitron 5V, 10A Switching Power Supply

ATARI PART NO. 149003-003 (120V)  
149003-103 (240V)



Coupler PCB  
(Mounted on RTC Steering Control)

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Wiring Diagrams for  
SL Power Supply, Coin Door,  
5V, 10A Power Supply, and Coupler PCB

## Video Microprocessor Memory Map

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## Road Blasters<sup>TM</sup>



## I/O and Sound Microprocessor Memory Map

FUNCTION	HEXA-DECIMAL ADDRESS	ADDRESS BUS SIGNAL LINES												READ/ WRITE	DATA BUS SIGNAL LINES										
		A15	A14	A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0	D7	D6	D5	D4	D3	D2	D1	D0
Program RAM	0000-0FFF	0	0	0	0	A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	
Cartridge External	1000-1FFF	0	0	0	1	A	A	A	A	A	A	A	A	A	A	A	R/W	D	D	D	D	D	D	D	
Music	1800-1801	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	R/W	D	D	D	D	D	D	D	
Read 68000 Port	1810	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	R	D	D	D	D	D	D	D	
Write 68000 Port	1810	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	W	D	D	D	D	D	D	D
Self-Test	1820	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	R	D							
Buffer Output Full (@ 1810)		0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	R		D						
Data Available (@ 1810)		0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	R			D					
Auxiliary Coin Switch		0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	R				D				
Left Coin Switch		0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	R				D				
Right Coin Switch		0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	R				D				
Music Reset	1820	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	W							D	
Light-Emitting Diode	1824	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	W					D	
Light-Emitting Diode	1825	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	1	W					D	
Right Coin Counter	1826	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	W					D	
Left Coin Counter	1827	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1	1	1	W					D	
Sound Effects	1870-187F	0	0	0	1	1	0	0	0	0	1	1	1	A	A	A	A	R/W	D	D	D	D	D	D	
Program ROM	4000-FFFF	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	R	D	D	D	D	D	D	D	

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### Road Blasters™ I/O and Sound Microprocessor Memory Map

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SP-299 Sheet 22  
1st printing